

REMARKS

Applicant has canceled claims 1, 4, 5, 16-22, 24-27, 29-33, 37-43, 48-54, 59-62, and 64-75. Claims 76-115 have been added. The new claims relate to Factor VII and Factor VIIa polypeptides with enhanced membrane binding affinity, wherein the polypeptides comprise modified GLA domains that contain substitutions at positions 10, 11, 28, 32, 33, 34, and/or 35, wherein amino acid positions of the Factor VII or Factor VIIa polypeptide are numbered according to SEQ ID NO:3. The claimed polypeptides also can include an insertion at position 4. The new claims also relate to nucleic acids encoding the claimed polypeptides, and to pharmaceutical compositions and host cells containing the Factor VII and Factor VIIa polypeptides. In addition, the new claims relate to methods for increasing clot formation in a mammal with the claimed polypeptides, and methods for producing the polypeptides using the claimed host cells.

Support for claims 76-115 can be found throughout Applicant's specification. The specification provides support for the claims to Factor VII and Factor VIIa polypeptides at, for example, page 9, line 9 to page 10, line 17, page 12, line 16 to page 13, line 25, page 22, line 7 to page 33, line 13, page 50, lines 7-24, page 55, lines 5-28, page 53, lines 1-25. The specification provides support for the claimed nucleic acids at, e.g., page 15, line 19 to page 17, line 14. Support for the claimed pharmaceutical compositions can be found at, for example, page 20, line 21 to page 21, line 16. Support for the claimed host cells and methods of using the host cells to produce the polypeptides can be found at, for example, page 15, lines 6-18, and page 17, line 15 to page 19, line 3. Finally, the specification provides support for methods of increasing clot formation with the claimed Factor VII and Factor VIIa polypeptides at, for example, page 21, line 29 to page 22, line 3. No new matter has been added.

Applicant : Gary L. Nelsestuen
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Applicant asks that claims 76-115 be examined. The Examiner is invited to telephone the undersigned if such would further prosecution. Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

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Elizabeth N. Kaytor
Elizabeth N. Kaytor, Ph.D.
Reg. No. 53,103

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696